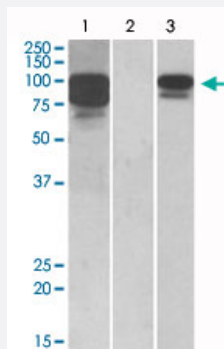


PCSK9 polyclonal antibody

Catalog # PAB18962 Size 100 ug

Applications



Western Blot (Transfected lysate)

HEK293 lysate (10 ug protein in RIPA buffer) overexpressing human PCSK9 with C-terminal MYC tag probed with PCSK9 polyclonal antibody (Cat # PAB18962, 1 ug/mL) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with PCSK9 polyclonal antibody (Cat # PAB18962, 1 mg/mL) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PCSK9.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human PCSK9.
Sequence	TRFHRQASKCDSHGT
Host	Goat
Theoretical MW (kDa)	80-100
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) Western Blot (0.1-0.5 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In 0.5 mg/mL in Tris saline, pH7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

HEK293 lysate (10 ug protein in RIPA buffer) overexpressing human PCSK9 with C-terminal MYC tag probed with PCSK9 polyclonal antibody (Cat # PAB18962, 1 ug/mL) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with PCSK9 polyclonal antibody (Cat # PAB18962, 1 mg/mL) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PCSK9

Entrez GeneID	255738
Protein Accession#	NP_777596.2
Gene Name	PCSK9
Gene Alias	FH3, HCHOLA3, LDLCQ1, NARC-1, NARC1
Gene Description	proprotein convertase subtilisin/kexin type 9
Omim ID	603776 607786
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a proprotein convertase belonging to the proteinase K subfamily of the secretory subtilase family. The encoded protein is synthesized as a soluble zymogen that undergoes autocatalytic intramolecular processing in the endoplasmic reticulum. The protein may function as a proprotein convertase. This protein plays a role in cholesterol homeostasis and may have a role in the differentiation of cortical neurons. Mutations in this gene have been associated with a third form of autosomal dominant familial hypercholesterolemia (HCHOLA3). [provided by RefSeq]
Other Designations	OTTHUMP00000009833 convertase subtilisin/kexin type 9 preproprotein neural apoptosis regulated convertase 1

Disease

- [Alzheimer Disease](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Chromosome Aberrations](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Hypobetalipoproteinemias](#)
- [Hypolipoproteinemias](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
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- [Neoplasms](#)
- [Obesity](#)

- [Ovarian Failure](#)
- [Peripheral Vascular Diseases](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Stroke](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Werner syndrome](#)